



Hoosier Riverwatch Water Quality Monitoring Equipment GRANT APPLICATION 2003

Hoosier Riverwatch is now accepting grant applications from Indiana schools, governmental agencies, and nonprofit organizations. Each water monitoring grant awarded provides up to \$500 worth of equipment for participating in the statewide volunteer stream monitoring program. Approximately *25 Standard Grants* and *25 Advanced Grants* will be awarded this year. Please complete your grant application in detail so that we may fully assess your organization's suitability as a recipient. Submit completed applications to:

Hoosier Riverwatch Coordinator
Fort Harrison State Park-NREC
5785 Glenn Road
Indianapolis, IN 46216
Fax: (317) 562-0790

For questions, call (317) 541-0617
Lyn Hartman, Hoosier Riverwatch Coordinator
(Email: HoosierRiverwatch@dnr.state.in.us)
Jan Hosier, Volunteer/Outreach Coordinator
(Email: riverinfo@dnr.state.in.us)

Completed applications must be postmarked by March 15, 2003!

Complete Application checklist:

- ☐ 2003 Water Quality Monitoring Equipment Grant Application (pages 2-5)
- ☐ Cooperative Agreement signed by president/principal **and** primary contact person
(Be sure to read the Cooperative Agreement carefully. If you can't satisfy all the requirements, please do not apply for a grant. Also, be sure to sign it on page 5!)
- ☐ Copy of your organization's Articles of Incorporation verifying nonprofit status
(This document is not required from schools or governmental agencies.)

Hoosier Riverwatch is Indiana's statewide volunteer stream monitoring and education program. It is operated by the Indiana Department of Natural Resources in cooperation with Purdue University (with grant support from the Indiana Department of Environmental Management). Hoosier Riverwatch collaborates with agencies and volunteers to:

- Increase public involvement in water quality issues through hands-on training of volunteers in stream monitoring and cleanup activities.
- Provide water quality information to citizens and governmental agencies working to protect Indiana's rivers and streams.

Since 1996, Hoosier Riverwatch has awarded approximately 380 equipment grants to volunteer groups throughout Indiana. These grant recipients form the foundation of the Hoosier Riverwatch network. Grant recipients agree to monitor their selected stream/river segments at least four times a year for two years. In addition, they must attend one or more Hoosier Riverwatch training workshops. These six-hour workshops are free and are held at various statewide locations from May - October. Workshop participants gain hands-on experience and learn how to assess a stream's water quality utilizing physical, chemical, and biological methods. Grant recipients must attend the required training before receiving their grant equipment. Grant recipients may pick up grant equipment at a regularly-scheduled training workshop or at the Hoosier Riverwatch office in Indianapolis during the Summer of 2003.

GRANT APPLICATION 2003 continued . . .

Which grant are you interested in receiving? Please check one box.

☐ **Standard Equipment Grant**

This grant includes the GREEN/LaMotte Standard Water Monitoring Kit, which provides simplified chemical testing methods suitable for elementary and middle school students, as well as other groups interested in a less intensive training and monitoring program. This testing kit is faster and easier to use; however, it cannot detect chemicals at low concentrations and the results are less accurate. Recipients of the Standard Grant are required to attend a Level 1 training workshop within six months of receiving the equipment.

☐ **Advanced Equipment Grant**

This grant includes the HACH Stream Survey Testing Kit #27120-00, which provides more advanced chemical testing methods. It is ideal for high school students, as well as other groups interested in obtaining higher quality monitoring results. Many of the tests require multiple steps and close attention to detail, but volunteers who lack previous experience or education in water quality monitoring can accomplish them (with some practice). Recipients of the Advanced Equipment Grant are required to attend both Level 1 and 2 training workshops within six months of receiving the equipment.

* Additional equipment such as sampling nets and field manuals are included with both grants. A complete listing of grant equipment can be found in the Cooperative Agreement on page 5. Also, training requirements are waived for grant recipients who have previously attended the appropriate Level 1 and/or Level 2 Hoosier Riverwatch training workshops.

ORGANIZATION INFORMATION

(Please provide us with information about the sponsoring organization.)

Name of Organization

Address

City, State, Zip

Phone Number

E-mail Address

Goals of Organization:

PRIMARY CONTACT INFORMATION

(Please check your preference for your primary address in the Riverwatch database.

If the contact address is the same as you listed above, just check the appropriate box and write: "same as above".)

☐ **Home Info (Summer for Teachers)**

Name

Address

City, State, Zip

Phone Number

E-mail Address

☐ **Work/School Info**

Name

Address

City, State, Zip

Phone Number

Fax Number

E-mail Address

GRANT APPLICATION 2003 continued . . .

Have you ever received training in or conducted water quality monitoring? If yes, where, when, and how often? (Be sure to note if you've attended a Riverwatch training workshop.)

Have you received a Hoosier Riverwatch grant in the past? If yes, when and which one did you receive? If you would like to trade your previously-awarded chemical testing kit for a different type, please explain why.

In which county is your stream or river located? Which waterway(s) do you plan to monitor and how often will you monitor?

What will be the goal(s) of your monitoring efforts (e.g., education, pollution identification, community service)?

How will your organization and surrounding communities benefit from your monitoring?

How many members of your organization will have access to the monitoring equipment? Would you be willing to share the equipment with another organization in your area?

COOPERATIVE AGREEMENT – 2003 EQUIPMENT GRANT

between Hoosier Riverwatch of the Indiana Department of Natural Resources and

(Organization's complete name)

This cooperative agreement is made and entered into by Hoosier Riverwatch and the organization written above to identify responsibilities, expectations, duties, and procedures related to the granting of water quality monitoring equipment to eligible organizations in the State of Indiana. The granting of such equipment supports the primary goal of Hoosier Riverwatch to increase public awareness of water quality issues by training volunteers in stream monitoring and environmental stewardship activities.

In accordance with this Cooperative Agreement, the grant recipient shall:

- ☐ Select one or more river/stream site(s) for regular water quality monitoring.
- ☐ Monitor the selected site(s) a minimum of **four times per year** for a **two-year** period, beginning September 1, 2003, with at least one month between sampling dates.
- ☐ **Maintain equipment** and order refill chemicals and reagents, if needed. The tests in the chemical kits have varying expiration dates, but most have a 3-year shelf life.
- ☐ Provide **quarterly reports** of monitoring activities, testing results, and other uses of the grant equipment to Hoosier Riverwatch using designated report forms. A total of eight reports are required during the 2-year period.
- ☐ Attend a Level 1 Hoosier Riverwatch training workshop within six months of receiving a **Standard Grant** (during the regular 2003 May-October training season) or
- ☐ Attend both Level 1 and Level 2 training workshops within six months of receiving an **Advanced Grant** (during the regular 2003 May-October training season).
- ☐ Make arrangements to obtain the water monitoring equipment during a 2003 Riverwatch training workshop, or pick up the equipment from Fort Harrison State Park, Indianapolis, during the Summer of 2003.
- ☐ Keep and continue using the water monitoring equipment after two years - if all requirements of the Cooperative Agreement are met.
- ☐ Arrange for the return of the water monitoring equipment if for any reason the grant recipient can not satisfy these terms during the two-year agreement period (e.g., due to a move or job change). The grant recipient is responsible for contacting Hoosier Riverwatch.

COOPERATIVE AGREEMENT Page 2 continued . . .

In accordance with this Cooperative Agreement, Hoosier Riverwatch shall:

- ☐ Provide one set of water quality monitoring equipment containing the following items:
 - one GREEN/LaMotte Standard Water Monitoring Kit for the parameters of dissolved oxygen, BOD, pH, transparency, temperature, orthophosphate, and nitrate (**Standard Grant**) or
 - one HACH Stream Survey Testing Kit (#27120-00) for the chemical parameters of dissolved oxygen, BOD, pH, temperature, orthophosphate, total phosphate, nitrate, and ammonia (**Advanced Grant**)
 - one kick seine net without poles
 - one aquatic dip net with 4' handle
 - one copy of *Aquatic Entomology* by Patrick McCafferty or Golden Guides *Pond Life*
 - one copy of *Field Manual for Water Quality Monitoring* by Stapp and Mitchell
 - one copy of Riverwatch's *Volunteer Water Quality Monitoring Streams Manual*.
- ☐ Provide introductory and advanced training via Level 1 and Level 2 workshops.
- ☐ Serve as manager for the statewide Volunteer Stream Monitoring Internet Database.
- ☐ Act as a source for on-going consultation and support.

Failure of the grant recipient to meet the terms listed above will result in the return of all equipment to Hoosier Riverwatch. Both parties accept the terms of this agreement:

President/Director/Principal of Organization

Hoosier Riverwatch Coordinator
Indiana Department of Natural Resources/Purdue

Primary Contact (if different from above)

Date

Date

Submit completed applications (pages 2-5) by March 15 to:

Hoosier Riverwatch
Fort Harrison State Park-NREC
5785 Glenn Road
Indianapolis, IN 46216
Fax: (317) 562-0790
Email: riverinfo@dnr.state.in.us